

Amendment to the Abstract

Please replace the Abstract starting page 42, line 7 with the following amended Abstract:

In a method and system for transferring data between a plurality of bus devices, a bus interface unit includes a first bus device interface (FBDI), a second bus device interface (SBDI), and an arbitration circuit. Each of the FBDI and SBDI includes a corresponding incoming and outgoing request bus for receiving and transmitting request packets from a corresponding one of the plurality of bus devices. Similarly, each of the FBDI and SBDI also includes a corresponding incoming and outgoing data bus for receiving and transmitting data packets from the corresponding one of the plurality of bus devices. The arbitration circuit is capable of determining priority level associated with corresponding request packets received from the FBDI and the SBDI respectively.